

What is claimed is:

1. A channel memory device in a broadcasting signal processor,  
comprising:  
a key input for inputting a <sup>200</sup>predetermined channel number according to a  
user's selection;  
a tuner for tuning to a channel corresponding to the channel number selected  
by the key input, among received broadcasting signals;  
a signal processor for processing a composite video signal of <sup>said</sup>a channel  
tuned and output from the tuner;  
a memory for storing the ~~predetermined~~ channel number; and  
a controller for receiving the channel number output from the key input and  
storing the channel number output from the key input in the memory while  
controlling the tuner to tune to a broadcasting channel corresponding to the  
received channel number.

2. <sup>A</sup>~~The~~ channel memory device according to claim 1, wherein the  
controller receives the signal output from the signal processor, determines whether  
a broadcasting signal is present in the currently tuned broadcasting channel and  
stores the corresponding broadcasting channel number in the memory only <sup>said</sup>if ~~a~~  
broadcasting signal is present.

3. The channel memory device according to claim 1, further comprising:  
a character <sup>208</sup>signal generator for generating a character signal for <sup>indicating</sup>guiding the  
<sup>210</sup>memory of the ~~predetermined~~ channel number selected by the key input;  
a mixer for mixing a signal output from the signal processor with a signal  
output from the character signal generator; and  
a display for displaying a signal output from the mixer.

4. The channel memory ~~device~~ according to claim 3, wherein the  
controller controls the character signal generator to generate a current broadcasting  
channel number and a character signal of "memory display" so that a user can  
easily identify the memorized broadcasting channel.